

## 1.0 Executive Summary

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This document constitutes the Commercial Storage Permit Application for Solomon Corporation. Solomon Corporation proposes constructing a permitted commercial storage facility immediately adjacent to the existing transformer reclamation facility at 302 W. 7<sup>th</sup> Street in Solomon, Kansas. The plan for this facility is to consolidate the receipt of all oil-filled electrical equipment arriving at Solomon Corporation. A single receiving point will consolidate record keeping, oil sampling, and oil storage while it provides for greater environmental over-site of the entire process. For purposes of this permit, the primary function of the facility will be storage, as no disposal activities will occur. The facility will be designed and constructed specifically for the described activities and in accordance with all applicable regulations. The new facility will incorporate safety features representing best practices for the industry today. It will be designed with secondary containment surrounding waste management areas, including an impervious liner beneath the concrete foundation. Every effort will be made to ensure the operation of the facility will pose no threat to public health or the environment.

The facility will receive electrical equipment that contains varying concentrations of PCBs. Equipment containing regulated concentrations of PCBs will be segregated and prepared for shipment to appropriate disposal companies. Non-PCB and low concentration equipment will be processed within the existing reclamation facility.

The facility will be operated in accordance with permit terms as established by the Region VII office of the United States Environmental Protection Agency and the Kansas Department of Health and Environment.

The West 7<sup>th</sup> street property is an industrial zoned, 29-acre site. The acreage dedicated to transformer reclamation is five acres. The historic use of the property was strictly agricultural.

The properties to the north and west of the facility are agricultural. The properties to the east are commercial, consisting of a propane gas distributor and a Portland cement plant. A residential area is located to the South of the property.

The proposed facility will not be located within the 100-year flood plain. The nearest waterway, the Solomon River, is approximately one mile from the facility. The nearest lake, Milford Reservoir, is located 45 miles away. The local drinking water source is city water from a well that is three miles from the facility.

The average rainfall for the area is 27 inches. The water table is approximately 60 feet deep.